

What is claimed is:

- 5
10
15
20
25
30
35
1. A method of treating urinary incontinence in a subject which comprises administering to the subject a therapeutically effective amount of a 5-HT_{1F} receptor agonist which activates the human 5-HT_{1F} receptor at least ten-fold more than it activates each of the human 5-HT_{1A}, 5-HT_{1D}, 5-HT_{2A}, 5-HT_{2C}, 5-HT₃, 5-HT₄, and 5-HT₇ receptors.
2. The method of claim 1, wherein the 5-HT_{1F} receptor agonist additionally activates the human 5-HT_{1F} receptor at least ten-fold more than it activates each of the 5-HT_{1B}, 5-HT_{1E}, 5-HT_{2B}, 5-HT_{5A}, 5-HT_{5B}, and 5-HT₆ receptors.
3. The method of claim 1, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates any human α_2 adrenoceptor or any human β adrenoceptor.
4. The method of claim 1, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human histamine H₁ and H₂ receptors.
5. The method of claim 1, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human dopamine D₁, D₂, D₃, and D₅ receptors.
6. The method of claim 1, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it

activates the human α_{1A} adrenoceptor and the human α_{1B} adrenoceptor.

- 5 7. The method of claim 1, wherein the 5-HT_{1F} receptor agonist activates the human 5-HT_{1F} receptor at least 50-fold more than it activates each of the human 5-HT_{1A}, 5-HT_{1D}, 5-HT_{2A}, 5-HT_{2C}, 5-HT₃, 5-HT₄, and 5-HT₇ receptors.
- 10 8. The method of claim 7, wherein the 5-HT_{1F} receptor agonist additionally activates the human 5-HT_{1F} receptor at least 50-fold more than it activates each of the human 5-HT_{1B}, 5-HT_{1E}, 5-HT_{2B}, 5-HT_{5A}, 5-HT_{5B}, and 5-HT₆ receptors.
- 15 9. The method of claim 7, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates any human α_2 adrenoceptor or any human
- 20 β adrenoceptor.
- 25 10. The method of claim 7, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human histamine H₁ and H₂ receptors.
- 30 11. The method of claim 7, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human dopamine D₁, D₂, D₃, and D₅ receptors.
- 35 12. The method of claim 7, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human α_{1A} adrenoceptor and the human α_{1B} adrenoceptor.

13. The method of claim 7, wherein the 5-HT_{1F} receptor agonist activates the human 5-HT_{1F} receptor at least 100-fold more than it
5 activates each of the human 5-HT_{1A}, 5-HT_{1D}, 5-HT_{2A}, 5-HT_{2C}, 5-HT₃, 5-HT₄, and 5-HT₇ receptors.
14. The method of claim 13, wherein the 5-HT_{1F} receptor agonist additionally activates the
10 human 5-HT_{1F} receptor at least 100-fold more than it activates each of the human 5-HT_{1B}, 5-HT_{1E}, 5-HT_{2B}, 5-HT_{5A}, 5-HT_{5B}, and 5-HT₆ receptors.
15. The method of claim 13, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it
15 activates any human α_2 adrenoceptor or any human β adrenoceptor.
16. The method of claim 13, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it
20 activates the human histamine H₁ and H₂ receptors.
17. The method of claim 13, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it
25 activates the human dopamine D₁, D₂, D₃, and D₅ receptors.
18. The method of claim 13, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it
30 activates the human α_{1A} adrenoceptor and the human α_{1B} adrenoceptor.
- 35

19. The method of claim 13, wherein the 5-HT_{1F} receptor agonist activates the human 5-HT_{1F} receptor at least 200-fold more than it activates each of the human 5-HT_{1A}, 5-HT_{1D}, 5-HT_{2A}, 5-HT_{2C}, 5-HT₃, 5-HT₄, and 5-HT₇ receptors.
20. The method of claim 19, wherein the 5-HT_{1F} receptor agonist additionally activates the human 5-HT_{1F} receptor at least 200-fold more than it activates each of the human 5-HT_{1B}, 5-HT_{1E}, 5-HT_{2B}, 5-HT_{5A}, 5-HT_{5B}, and 5-HT₆ receptors.
21. The method of claim 19, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates any human α_2 adrenoceptor or any human β adrenoceptor.
22. The method of claim 19, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human histamine H₁ and H₂ receptors.
23. The method of claim 19, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human dopamine D₁, D₂, D₃, and D₅ receptors.
24. The method of claim 19, wherein the 5-HT_{1F} receptor agonist also activates the human 5-HT_{1F} receptor at least ten-fold more than it activates the human α_{1A} adrenoceptor and the human α_{1B} adrenoceptor.